

H07RN-F, A07RN-F

고무 재질의 중량 케이블
1 kv, UV 저항, 방폭성, 방수성, 내한성, 칼라 or 넘버링 코드






제품 적용

- H07RN-F 고무 케이블은 건조하고 습기가 있는 실내, 실외와 물이 있는 곳에서의 중량 장비의 전원용으로 사용되며, A07RN-F 고무케이블은 이중 피복입니다.
- 중량의 전동 공구, 이동장비와 기계적 조건이 높은 농업용 기계, 건설장비 등의 전원 공급선으로 적당합니다.
- 특히, 폭발의 위험성이 있는 곳에서 유용합니다.





제품 특징

- 고무 화합물 (NEOPRENE[®])은 기후에 대한 저항성이 높고, 저온, UV, 수분, 염분 저항성이 탁월하여 악조건에서 원활한 장비의 가동을 보장합니다.
- A07RN-F의 이중 피복은 인장력을 보강하고, 케이블을 보호하며, 전류 누설을 차단합니다.
- 5가닥까지 DIN 0293-308에 준한 칼라 코드로 선심 구분이 용이하고, 6가닥부터는 검은색 피복에 흰색으로 프린트된 넘버링 코드선입니다.

케이블 구조

-  **도체 구성** : 순수구리 or 주석도금의 미세연선
DIN VDE 0295 class 5 도체
-  **절연재질** : 고무 화합물
내부 구성 : 5가닥까지 칼라 코드 심선 (DIN 0293-308)
6가닥부터 흰색 넘버링 코드의 검정색 심선
고무 이중 피복 (A07RN-F)
green/yellow의 접지선 (일부 사양)
-  **외피재질** : Polychloroprene (NEOPRENE[®])
외피색상 : Black

기술 자료

-  **규정 전압** : U₀/U 450/700 V
시험 전압 : 2500 V
-  **최소굴곡반경** : 고정시 4x외경
가동시 6x외경
-  **온도 범위** : 고정시 -40 °C ~ +60 °C
가동시 -30 °C ~ +60 °C
-  **적용 기준** : DIN VDE 0282 part 4 준수
유럽연합 지침 (73/23/EWG) 준수
RoHS 승인

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제원표 (Dimension)

Dimension n × mm ²	Outer- ∅ mm	Copper weight kg/km	Weight kg/km
H07RN-F, A07RN-F			
H07RN-F			
1 X 1,5	7,1	14,4	59,0
1 X 2,5	7,9	24,0	74,0
1 X 4	9,0	60,0	99,0
1 X 6	9,8	58,0	129,0
1 X 10	11,9	96,0	200,0
1 X 16	13,4	154,0	279,0
1 X 25	15,8	240,0	396,0
1 X 35	17,9	336,0	540,0
1 X 50	20,6	480,0	719,0
1 X 70	23,3	672,0	947,0
1 X 95	26,0	912,0	1.230,0
1 X 120	28,6	1.152,0	1.520,0
1 X 150	31,4	1.440,0	1.887,0
1 X 185	34,4	1.776,0	2.300,0
1 X 240	38,3	2.304,0	2.960,0
1 X 300	41,9	2.880,0	3.585,0
2 X 1	10,0	19,0	89,0
3 G 1	10,7	29,0	111,0
4 G 1	11,9	38,0	146,0
5 G 1	13,1	46,0	192,0
2 X 1,5	11,0	29,0	128,0
3 G 1,5	11,9	43,0	157,0
4 G 1,5	13,1	58,0	192,0
5 G 1,5	14,4	72,0	238,0
7 G 1,5	17,5	101,0	371,0
12 G 1,5	22,4	173,0	516,0
18 G 1,5	26,3	274,0	770,0
19 G 1,5	26,3	275,0	788,0
24 G 1,5	30,7	346,0	968,0
2 X 2,5	13,1	48,0	177,0
3 G 2,5	14,0	72,0	217,0
4 G 2,5	15,5	96,0	269,0
5 G 2,5	17,0	120,0	329,0
7 G 2,5	20,0	168,0	499,0
8 G 2,5	19,5	192,0	590,0
12 G 2,5	26,2	288,0	719,0
18 G 2,5	30,9	432,0	1.068,0
19 G 2,5	28,0	456,0	1.068,0
24 G 2,5	36,4	576,0	1.400,0
2 X 4	15,1	77,0	249,0
3 G 4	16,2	115,0	298,0
4 G 4	17,9	154,0	373,0
5 G 4	19,9	192,0	466,0
2 X 6	16,8	116,0	327,0
3 G 6	18,0	173,0	407,0
4 G 6	20,0	230,0	514,0
5 G 6	22,2	288,0	640,0

Dimension n × mm ²	Outer- ∅ mm	Copper weight kg/km	Weight kg/km
H07RN-F			
2 X 10	22,6	192,0	586,0
3 G 10	24,2	288,0	716,0
4 G 10	26,5	384,0	898,0
5 G 10	29,1	480,0	1.107,0
2 X 16	25,7	307,0	810,0
3 G 16	27,6	461,0	1.008,0
4 G 16	30,1	614,0	1.253,0
5 G 16	33,3	768,0	1.564,0
2 X 25	30,7	480,0	1.157,0
3 G 25	33,0	720,0	1.451,0
4 G 25	36,6	960,0	1.846,0
5 G 25	40,4	1.200,0	2.291,0
3 G 35	37,1	1.008,0	1.901,0
4 G 35	41,1	1.344,0	2.393,0
5 G 35	45,8	1.680,0	2.684,0
3 G 50	42,9	1.440,0	2.580,0
4 G 50	47,5	1.920,0	3.284,0
5 G 50	47,0	2.400,0	3.950,0
3 G 70	48,3	2.016,0	3.386,0
4 G 70	54,0	2.688,0	4.331,0
5 G 70	50,0	3.360,0	4.893,0
3 G 95	54,0	2.736,0	4.483,0
4 G 95	61,0	3.648,0	5.712,0
3 G 120	60,0	3.456,0	5.182,0
4 G 120	66,0	4.608,0	6.828,0
4 G 150	73,0	5.760,0	8.319,0
4 G 185	80,0	7.104,0	10.062,0
4 G 240	91,0	9.216,0	13.125,0
A07RN-F			
3 X 1,5	11,9	43,0	157,0
4 X 1,5	13,1	58,0	192,0
3 X 2,5	14,0	72,0	217,0
4 X 2,5	15,5	96,0	269,0
12 X 2,5	26,2	288,0	719,0
24 X 2,5	36,4	576,0	1.400,0
3 X 4	16,2	115,0	298,0
4 X 4	17,9	154,0	373,0
3 X 6	18,0	173,0	407,0
4 X 6	20,0	230,0	514,0